



CLAIMS ONLY

SERIAL NO. FILING DATE

APPLICANT(S)

CLAIMS

	AS F	AS FILED		TER NDMENT		AFTER 2nd AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.	
, 	1						
2							
3		1					
4		T	T				
5		1,					
6		TT	1				
7		17	1				
8		11.				L	
9		T					
10		1					
11		1					
12					1	 	
13							
14		1					
15		$\Box \Box$					
16		1				+-	
17		T	7_				
18		1	4		_		
19	/	**	·			4-	
20						—	
21			1				
22						4	
23						_	
24		11					
25		1-	1_			-	
26		10	1			 	
27						 	
28	<u> </u>	11.	\bot				
29	 	1	\bot	4-			
30		1,	—				
31	_	11			_	+	
32		11				+-	
33	1		4-		\dashv —		
34	_	14					
35	┷						
36		_	.—				
37			<u> </u>		-+-		
38	-	1	-			\dashv	
39	4-	!	-+-				
40	+-	1.	_+_		-	+-	
41_		+	, -			+	
42	—	- -,-					
43	+-	- - -	-+-			\dashv	
44	-				-	-	
45			<u> </u>				
46		44,	+ ;	8	+-		
47		1 !	- ;	0	+-		
48	_	1					
49			!		-+-		
50	+-				_+-	\dashv	
TOTAL			<u> </u>		!		
TOTAL DEP.		Ø	'				
	is 13	ヹ				, s	

 S								
T				*		*		
\vdash		IND.	DEP.	IND.	DEP.	IND.	DEP.	ĺ
\vdash	51		1		 -	<u> </u>		
\vdash	52		1		-		-	
┢	53			-	 			
\vdash	54		1			1		
H	55				1			
H	56		1					
H	57		17		1			
H	58		1		1			
t	59		1	T]
t	60		17					
t	61	l	1			1		1
t	62	i	1		T			
t	63		1			4		1
t	64		F					1
+	65	·	1					1
ı	66		1					1
ı	67							1
Ī	68							1
Ī	69		1				.	1
ı	70							4
. [71		$\perp \perp$	$oldsymbol{\perp}$				4
	72		1					4
[73		1-	1			 -	4
	74	<u> </u>	10	1				4
•	75		1					4
	76		1	-			+	┨
	77		<u> </u>	\downarrow				┨
	78		<u> </u>	_				┨
	79	<u> </u>	 					┨
	80	ļ	10			+-		┨
	81	 	\perp \perp					┪
	82							┨
	83	<u> </u>			-			┨
	84			4	+-			┨
	85	 	+ +		+			7
	86		++	-	+			┪
	87		1	+-		_	+	┪
	89		1	_		+-	1	┪
			1.	+-		-		
	90		1	+-				
	92	+-		+-	\neg			_
	93	+	1		\neg			
	94	+	1	+-				
	95	+-	1,	_	-1-			_
	96	+-	7-1	_				
	97		1	1,	2			
	98	1-	1	- 4	81			
	99	1-	-1					
	100		-					
	TOTA							
	TOTA		 -	·		'		
	DEF TOTA CLAIR	.						

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-2022 (1-98)



SERIAL NO. FILING DATE

CLAIMS

APPLICANT(S)

	AS FILED		AFTER 1st AMENDMENT		AFTER 2nd AMENDMENT		
	IND.	DEP.	IND.	DEP.	IND.	DEP.	
1		1					
2		1					ĺ
3		1					١
4		1					
5		1					١
6		1					1
7							1
108		- 4	-		ļ ————		1
D 9		L	1				1
110		1					1
(11		J-:]
(122)		7-					
13		+ -]
/14		1-]
15		1.					
16		1					1
117		1					1
լ 18		1-					1
19		N		L			1
/20		1-	1	ļ		ļ	1
21		1-	<u> </u>				1
į 22		1.0	<u> </u>			L	1
23		1					1
24		1			<u> </u>	ļ]
25		<u> </u>	<u> </u>	<u></u>			1
26			I				
27							1
28		L				<u> </u>	1
29			<u></u>		<u> </u>	<u> </u>	
30					<u> </u>		1
31		_	<u> </u>	<u> </u>		L	1
32			↓				1
33				ļ		<u> </u>	1
34							1
35		ļ			ļ		1
36				ļ <u>.</u>	<u> </u>		⇃
37						1	┨
38			ļ		ļ		4
39		ļ	ļ	ļ	1		4
40	L						1
41			ļ—	-	ļ	1	4
42				 	1	-	1
43		ļ	-		1	 	4
44				 	<u> </u>		4
45		ļ	↓	1	<u> </u>		4
46		ļ	-	1	—	<u> </u>	4
47			1	ļ	 	 	4
48			1	ļ	 	_	4
49			1	 	_	1	4
50	<u> </u>	 	↓	 	ļ	 	4
TOTAL IND.	12	1] 🚚	1] 🚚	
TOTAL DEP.	121			—		—	1
TOTAL		1	s 		 	71.5	4
TOTAL CLAIMS	123	1.00	g)	134 T	1	1000	Ľ

ļ							
	*		*		*		
	IND.	DEP.	IND.	DEP.	IND.	DEP.	
51		- JEF.	10.	JEF.			
52				Ì			
53							
54		I					
5 5	ļ	<u> </u>	ļ		ļ		
56		 	ļ	ļ			
57		ļ	1	 	 		
58 59		ļ	┼	 	 		
60			 		 		
61		 		 	†		
62					<u> </u>		
63							
64							
65			<u> </u>			ļ	
66		ļ	1	<u> </u>	_	 	
67			1	-	.	ļ	
68	-	 	 	+	1	 	
69 70	 	 	+	 	\vdash	 -	
71	-	+	+	-	1	 	
72	 	 	 	 	†		
73				1			
74		1					
75							
76			ļ				
_ 77				<u> </u>	ļ	ļ	
78	 		1	-	 	-	
79	 	-	 	 	+-	+ -	
80 81			+-	+-		1	
82	 	-	+-	1	 		
83	t —	1	†	1			
84	1	1	1				
85	<u> </u>						
86							
87		ļ	4	 		 	
88	1	1		+	 	-	
89	ļ	+	+	1	+	 	
90 91	+	┼	+	+	+	+	
92	+-	-	+	+	+	+	
93	1-	 	1	+	+	+	
94	1	 	T		1	1	
95							
96							
97			ļ				
98					 	1	
99	 	 	 	+	 	-	
100	 	 	+	+	 	+	
TOTAL IND.				▋	ļ	J _→ ♣	
TOTAL DEP.		-					
TOTAL		Marie Control	ā		į į	1.00	

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office